



PATENT APPLICATION
CS-7861
LeA 36,055

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION OF)
PETER SCHREIER ET AL)
SERIAL NUMBER: 10/628,706)
FILED: July 28, 2003)
TITLE: METHOD FOR IDENTIFYING)
FUNGICIDES)

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. 1.97(b)

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

This disclosure statement under 37 CFR 1.97 & 1.98 is submitted before the first Office Action in order that the Patent and Trademark Office may consider the relevancy of certain information to the invention described and claimed in the subject application, and in compliance with the regulations concerning information disclosure statements. Enclosed are copies of the following:

- a) the documents described in the above-identified application listed on the attached PTO Form 1449,
- b) the Search Report received in the corresponding application pending in the European Patent Office; and an English language translation thereof; and

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an enveloped addressed to: Commissioner for Patents, Alexandria, VA 22313-1450 3/23/04

Date

Raymond J. Harmuth, Reg. No. 33,896

Name of applicant, assignee or Registered Representative

Signature

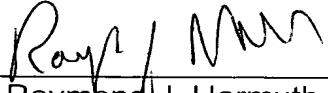
March 23, 2004

Date

- c) the foreign patents and documents cited by the European Patent Office in the Search Report listed on the attached Form PTO-1449.

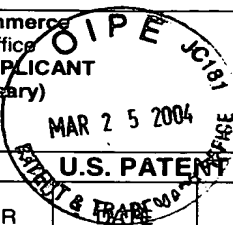
This Information Disclosure Statement should not be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, that any reference mentioned herein constitutes prior art, or that the references listed, severally or in any combination with one another or with any other information, are believed to render any claim in the subject application prima facie unpatentable.

Respectfully submitted,

By 
Raymond J. Harmuth
Attorney for Applicants
Reg. No. 33,896

Bayer CropScience LP
100 Bayer Road
Pittsburgh, Pennsylvania 15205-9741
(412) 777-3916
FACSIMILE PHONE NUMBER:
(412) 777-3902
s:\bsh\RJH029

Form PTO 1449 Rev. 7-80	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. CS-7861/LeA 36,055	Serial No. 10/628,706
LIST OF PRIOR ART CITED BY APPLICANT (Use Several Sheets If Necessary)		Applicant Peter Schreier et al	
		Filing Date July 28, 2003	Group



EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,976,848	11/02/99	Davis et al	435	183	
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

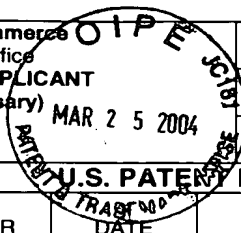
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No*
	AL	0 967 281	12/29/99	Europe				
	AM	2 110 934	06/29/83	(Bel. to corresp. to DE 32 42 646) Great Britain				
	AN							
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	Curr Genet, 30, (month unavailable) 1996, pages 404-409, T. Miosga & F. K. Zimmermann,
		"Cloning and characterization of the first two genes of the non-oxidative part of the <i>Saccharomyces cerevisiae</i> pentose-phosphate pathway"
	AS	Bioseparation 7, (month unavailable) 1998, pages 107-115, R. Reuter, M. Naumann, J. Bär,
		Th. Miosga & G. Kopperschläger, "Ribose-5-phosphate isomerase from <i>Saccharomyces cerevisiae</i> : Purification and molecular analysis of the enzyme"
	AT	Nucleic Acids Research, Vol. 25, No. 17, (month unavailable) 1997, pages 3389-3402,
		Stephen F. Altschul, Thomas L. Madden Alejandro A. Schäffer, Jinghui Zhang, Zheng Zhang, Webb Miller and David J. Lipman, "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs"
		DATE CONSIDERED
EXAMINER Initial if references considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.		

* Neither English Language Equivalent nor an English Language Translation is available.

Form PTO 1449 Rev. 7-80	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. CS-7861/LeA 36,055	Serial No. 10/628,706
LIST OF PRIOR ART CITED BY APPLICANT (Use Several Sheets If Necessary)		Applicant Peter Schreier et al	
		Filing Date July 28, 2003	Group



EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No*
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

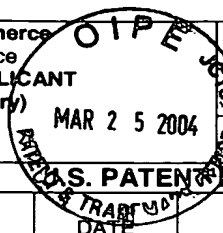
	AR	Archives of Biochemistry and Biophysics, Vol. 373, No. 2, January 15, 2000, pages 409-417, Che-Hun Jung, Fred C. Hartman, Tse-Yuan S. Lu, and Frank W. Larimer, D-Ribose-5-Phosphate Isomerase from Spinach: Heterologous Overexpression, Purification, Characterization, and Site-Directed Mutagenesis of the Recombinant Enzyme"
	AS	Journal of Biomolecular Screening, Vol. 4, No. 2 (month unavailable) 1999, pages 67-73, Ji-Hu Zhang, Thomas D.Y. Chung and Kevin R. Oldenburg, "A Simple Statistical Parameter for Use in Evaluation and Validation of High Throughput Screening Assays"
	AT	Brian C. Monk: "Fungal Plasma Membrane Proton Pumps as Promising New Antifungal Targets" Critical Review in Microbiology, Bd. 20 Nr. 3, 1994, Seiten 209-223, XP009021554

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER Initial if references considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.

Neither English Language Equivalent nor an English Language Translation is available.

Form PTO 1449 Rev. 7-80	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. CS-7861/LeA 36,055	Serial No. 10/628,706
LIST OF PRIOR ART CITED BY APPLICANT (Use Several Sheets If Necessary)		Applicant Peter Schreier et al	
		Filing Date July 28, 2003	Group



EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No*
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	Georgopapadakou NH: "Antifungals targeted to sphingolipid synthesis: focus on inositol phosphorylceramide synthase" Exp. Opin. Invest. Drugs, Bd. 9, Nr. 8, 2000, Seiten 1787-1796 XP009021555
	AS	Domagk G. et al.: "Purification and Properties of Ribose-Phosphate Isomerase from Dandida utilis" Eur. J. Biochem., Bd. 38, 1973, Seiten 259-264, XP009021508
	AT	Kawashima N & Tanabe Y: "Purification and properties of ribose phosphate isomerase from tobacco leaves" Plant & Cell Physiology, Bd. 17, 1976, Seiten 757-765, XP001156282
EXAMINER		DATE CONSIDERED
EXAMINER Initial if references considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.		

* Neither English Language Equivalent nor an English Language Translation is available.